



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
11201 Renner Boulevard
Lenexa, Kansas 66219

MEMORANDUM

SUBJECT: EPA Approval of Final Remedial Design for OU8 - Railroads
Cherokee County Superfund Site, Cherokee County, Kansas

FROM: Todd Campbell, Remedial Project Manager
Mining and Smelter Remediation Section

THRU: Cody McLarty, Chief
Mining and Smelter Remediation Section

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Date: 2021.09.29
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TO: Site File

This memorandum documents the EPA's approval of the final Remedial Design (RD) deliverables for the RD for operable unit 8 (OU8) of the Cherokee County Superfund Site, Cherokee County, Kansas. The RD was completed by the EPA's contractor, HydroGeoLogic, Inc. The RD addresses the former railroad embankments and waste areas within OU8. The individual waste subareas addressed under the Final RD have been grouped into segments (Segments A-I) based on their geographic location and continuity of each former railroad spur. This Final RD accounts for two GOVT RD Complete targets, RD-15 and RD-19. RD-15 represents the RD for fund-lead rail lines. RD-19 represents the RD for PRP-owned rail lines.

Waste estimates were refined as part of the Final RD with the use of aerial and topographic surveys. The revised volume calculated for OU8 is 1,237,000 cubic yards of mine waste and contaminated soil. The revised total segment length is 44.39 miles. The RD deliverables included a Basis of Design report, Design Drawings, Quantity Estimates, Construction Cost Estimate, Construction Schedule, and Project Specifications.

The Kansas Department of Health and Environment participated in the review of the interim RD deliverables in preparation of the Final RD package.

Additional design implementation support will be awarded under a task order modification in the following months. Please contact me at (913) 551-7115 if you have any questions or need additional information.



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